

**THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE
ARTICLE 34 AMENDED SHEETS**

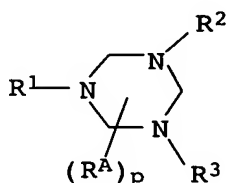
(Pages 7 and 8)

REF. 100
ART 34 AMDT

We claim:

8. A process for the oligomerization of α -olefins having at least three carbon atoms, in which the olefin is brought into contact with a catalyst system obtainable from

- a) at least one chromium source,
b) at least one ligand of the formula I



(I)

- where R^1 to R^3 are each, independently of one another, C_4 - C_{30} -alkyl which has no α , β or γ branching,

R^A is an organic group having from 1 to 30 carbon atoms which is bound via a silicon atom or a carbon atom, and

p is from 0 to 6, and

- c) at least one activator comprising a boron compound, with the molar ratio of B:Cr being at least 5.
9. A process as claimed in claim 1, wherein the activator further comprises an alkylaluminum compound.
10. A process as claimed in claim 2, wherein the activator comprises a trialkylaluminum and an alkylaluminum halide.
11. A process as claimed in any of the preceding claims, wherein 1,3,5-tri-*n*-dodecyl-1,3,5-triazacyclohexane is used as ligand.
12. A process as claimed in any of the preceding claims, wherein the boron compound has the formula BZ_3 and/or $Cat^{\oplus}BZ_4^{\ominus}$, where Z is an electron-withdrawing radical and Cat^{\oplus} is a cation.
13. A process as claimed in claim 5, wherein the boron compound is selected from among trispentafluorophenylborane, *N,N*-dimethylanilinium tetrakis(pentafluorophenyl)borate, tri-*n*-butylammonium tetrakis(pentafluorophenyl)borate,

N,N-dimethylanilinium
tetrakis(3,5-bis(perfluoromethyl)phenyl)borate,
tri-n-butylammonium
tetrakis(3,5-bis(perfluoromethyl)phenyl)borate and tritylium
5 tetrakis(pentafluorophenyl)borate.

14. A process as claimed in any of the preceding claims, wherein
1-butene is used as olefin.

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